

Meteorology

Laird, Charles and Ruth Laird. *Weathercasting*. Prentice-Hall, 1955.

As outlined in this book, you can build your own weather station; and from your own backyard you can take systematic observations, watch the pageant of the skies, study the principles of atmospheric behavior, and make your own forecasts.

Longstreth, T. Morris. *Understanding the Weather*. Macmillan, 1953.

Weather forecasting is the attempt to predict definite effects from rather nebulous causes. This handbook gives a bird's-eye view of the course, with its roughs and its traps.

Kuenen, P. H. *Realms of Water*. See entry under Geology, p. 290.

Murchie, Guy, Jr. *Song of the Sky*. See entry under Aviation, p. 281.

Tannehill, Ivan Ray. *The Hurricane Hunters*. See entry under Aviation, p. 281.

Vaeth, J. Gordon. *200 Miles Up: The Conquest of the Upper Air*. See entry under Aviation, p. 281.

Microbiology

Burnet, Sir Macfarlane. *Natural History of Infectious Disease*. See entry under Medicine, p. 293.

de Kruif, Paul. *Men Against Death*. See entry under Biography, p. 282.

de Kruif, Paul. *Microbe Hunters*. Harcourt, 1932.

This is the story of the new world of science made possible by the invention of the microscope and by the great advances that resulted.

Dubois, Rene J. *Louis Pasteur: Free Lance of Science*. See entry under Biography, p. 282.

Dubos, Rene, and Jean Dubos. *The White Plague: Tuberculosis, Man and Society*. See entry under Medicine, p. 293.

Fox, Ruth. *Milestones of Medicine*. Random House, 1950.

Milestones selected by the author include: two gifts from the physicists; the growth of the drug industry to a profession of scientific service; the work of scientists in the war on diphtheria and yellow fever; and the work of those twentieth-century miracles, insulin and penicillin.

Grant, Madeline Parker. *Microbiology and Human Progress*. Rinehart, 1953.

Written to acquaint students with the general principles and accomplishments of microbiology and bacteriology. Cultural aspects of the biological studies are presented to emphasize the interdependence of science and society.

Haggard, Howard W. *Devils, Drugs, and Doctors*. See entry under Medicine, p. 293.